

**I-215 &  
5400 SO**

MOBILITY STUDY

# Transportation Idea Exchange Meeting

FEDERAL HIGHWAY ADMINISTRATION | UTAH DEPARTMENT OF TRANSPORTATION  
CITY OF TAYLORSVILLE

OCTOBER 2010

# Agenda

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Meeting Overview

Where We Are

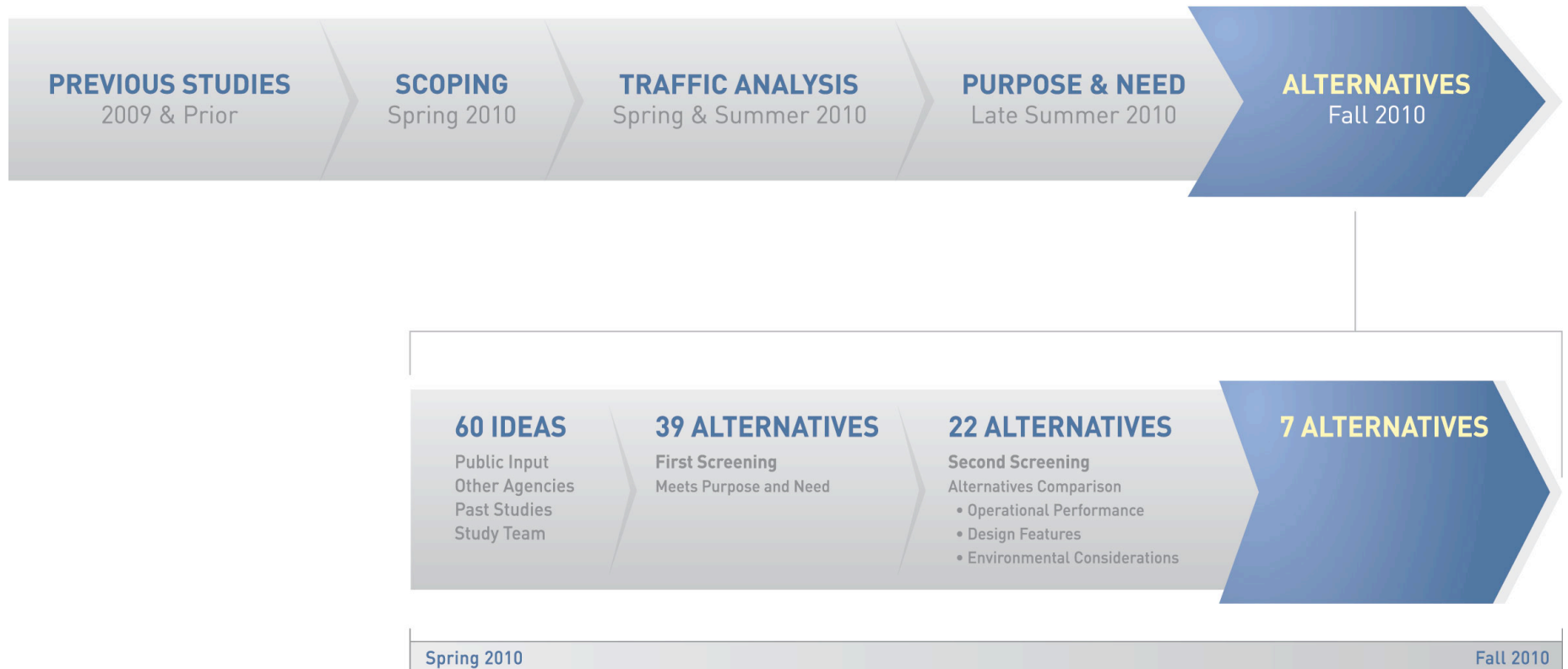
Purpose and Need

Alternatives

Next Steps

# Where We Are

## PHASE 1



# How We Use Public Input



## Received 71 Scoping Comments

- Transportation concerns and issues
- Suggestions for solutions
- How you might be affected by solutions

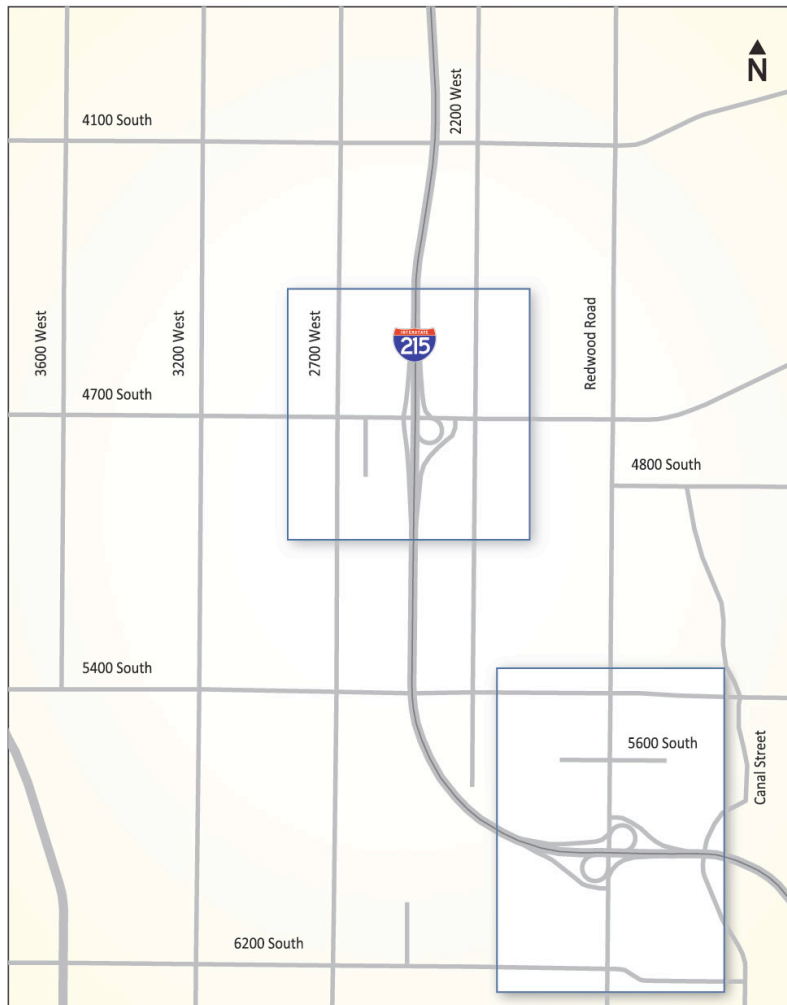
## Helped us develop 60 improvement ideas

We will continue to take comments for consideration if the study process continues

There will be specific opportunities to comment if the study process continues

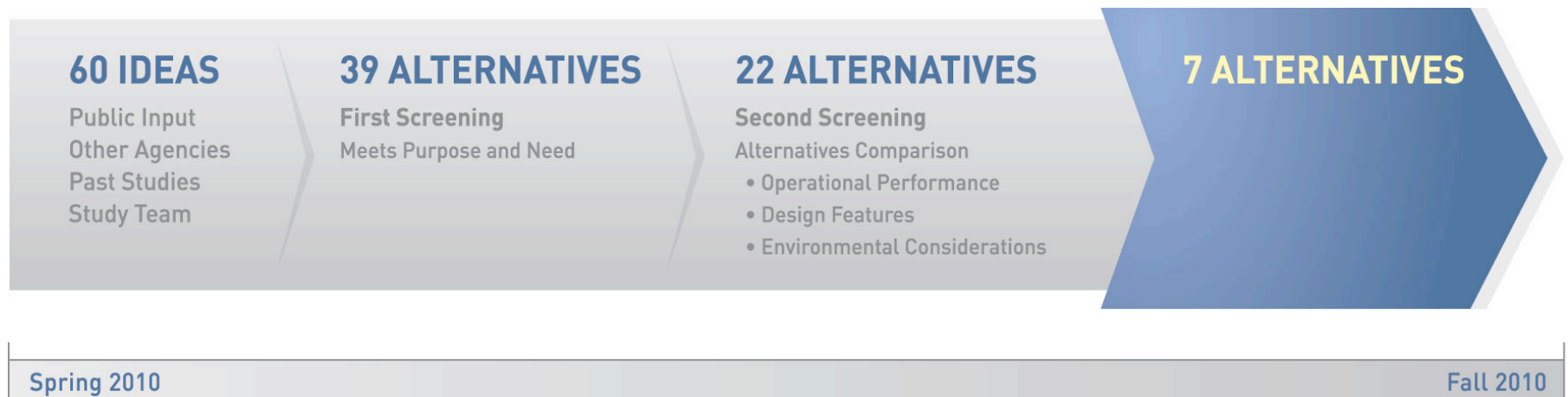


# Purpose and Need



The purpose of transportation improvements is to increase the capacity to access I-215 in the study area and, specifically, to reduce congestion on 4700 South and Redwood Road around the I-215 interchanges.

# Alternatives Screening



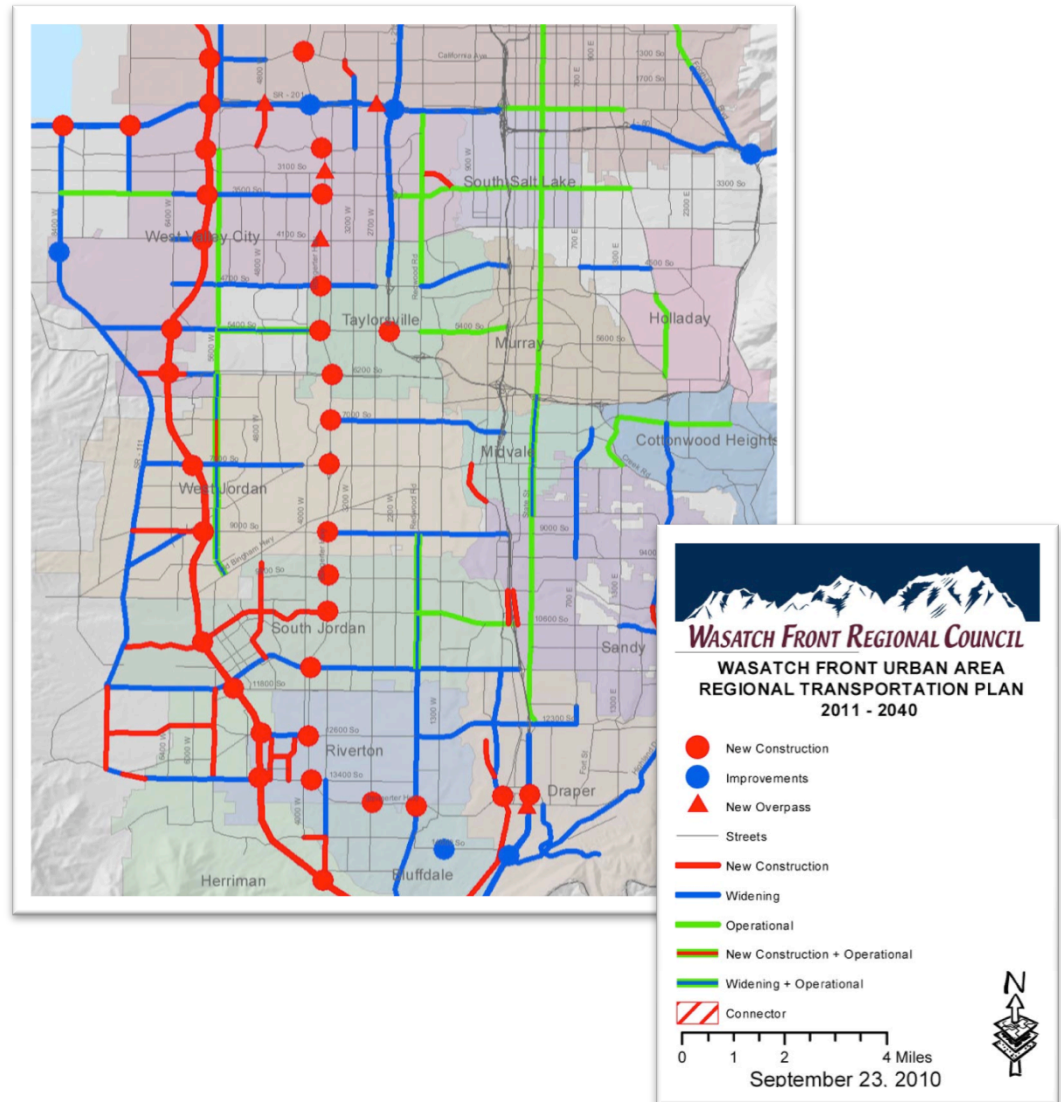
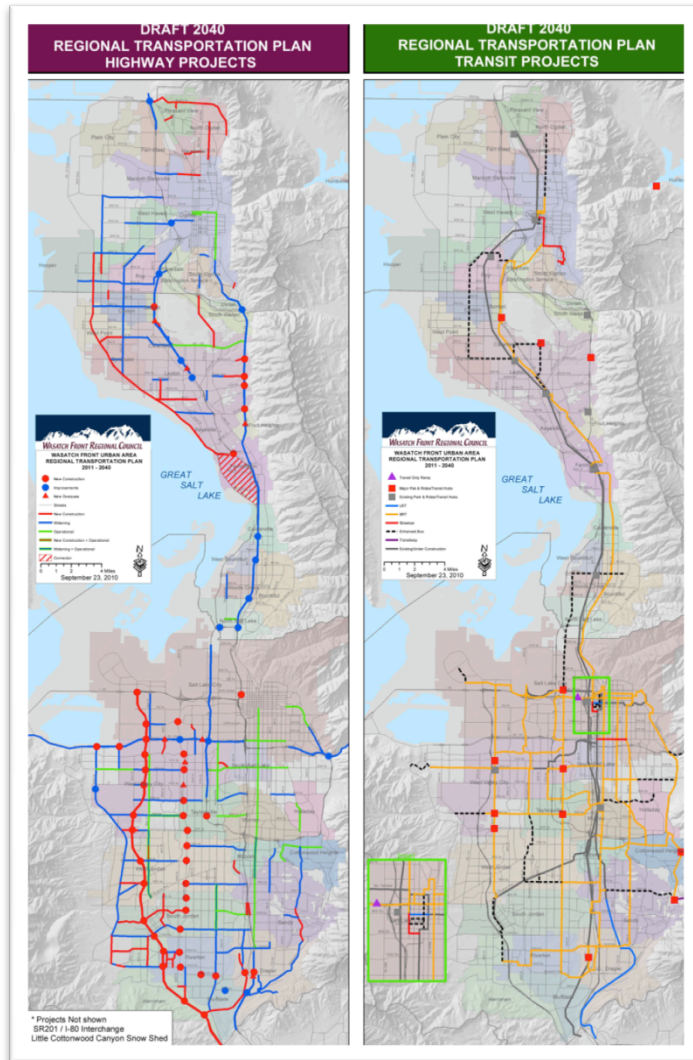
# Alternative 1



## No Build

- ▶ Do not build any improvements beyond the current construction projects and the highway and transit improvements already included in the Wasatch Front Regional Council's 2040 Regional Transportation Plan.

# WFRC Regional Transportation Plan





# Alternative 4



## Widening & Intersection Improvements

- Widen 4700 South from Bangerter Highway to Redwood Road by adding a through lane in each direction.
- Improve signalized intersections on 4700 South from 2700 West to 2200 West.
- Widen Redwood Road from 4700 South to 6200 South by adding a through lane in each direction.
- Improve signalized intersections on Redwood Road from 6200 South to 5600 South.

# Alternative 7-3



## New Interchange & Intersection Improvements

- ▶ Build a new interchange at 5400 South and I-215.
- ▶ Improve signalized intersections on 4700 South from 2700 West to 2200 West.
- ▶ Improve signalized intersections on Redwood Road from 5600 South to 6200 South.

# Alternative 8-3

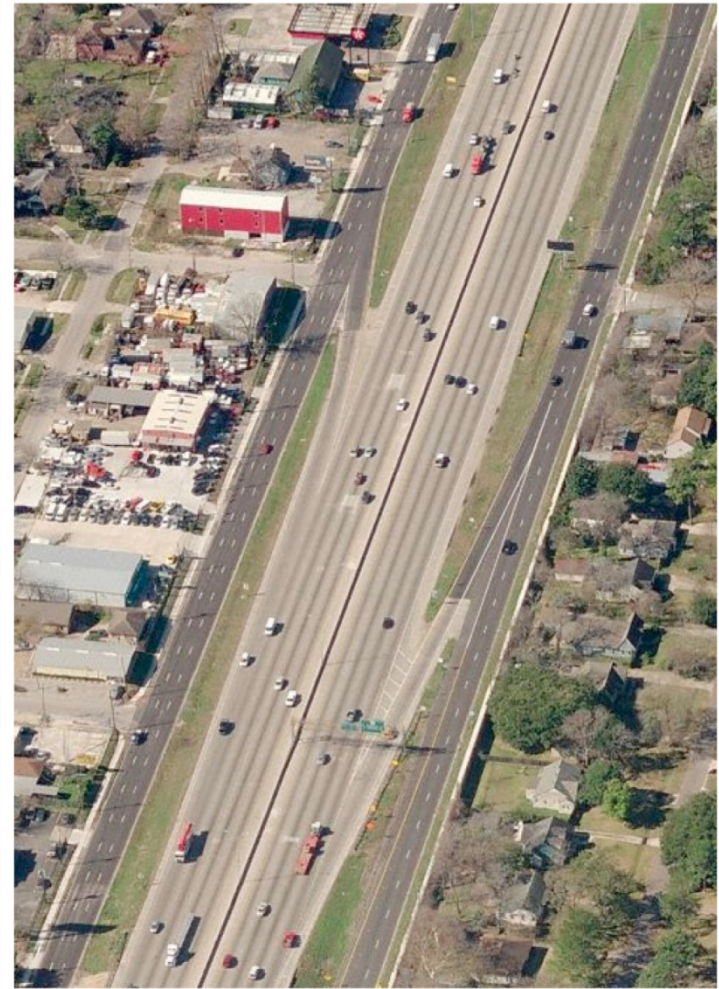


## Frontage Road From 4100 South to Redwood Road

- ▶ Build a one-way, ground-level frontage road along each side of I-215 from 4100 South to Redwood Road.
- ▶ Construct additional streets to provide direct access to the frontage road from various locations along 2700 West and 2200 West.

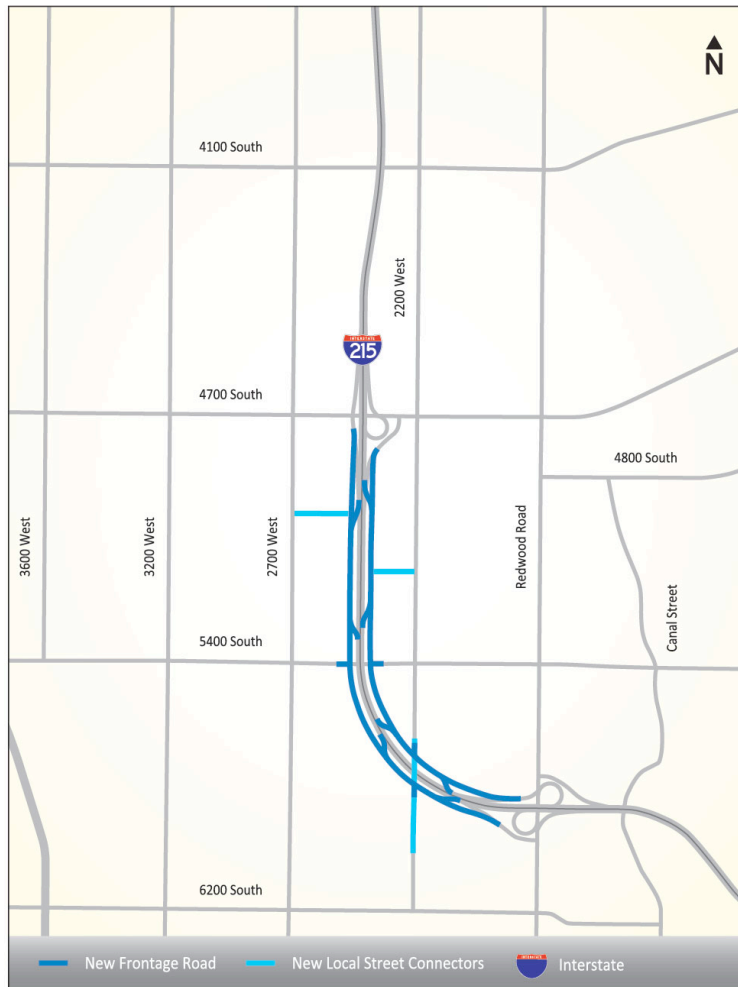


# Frontage Road Examples





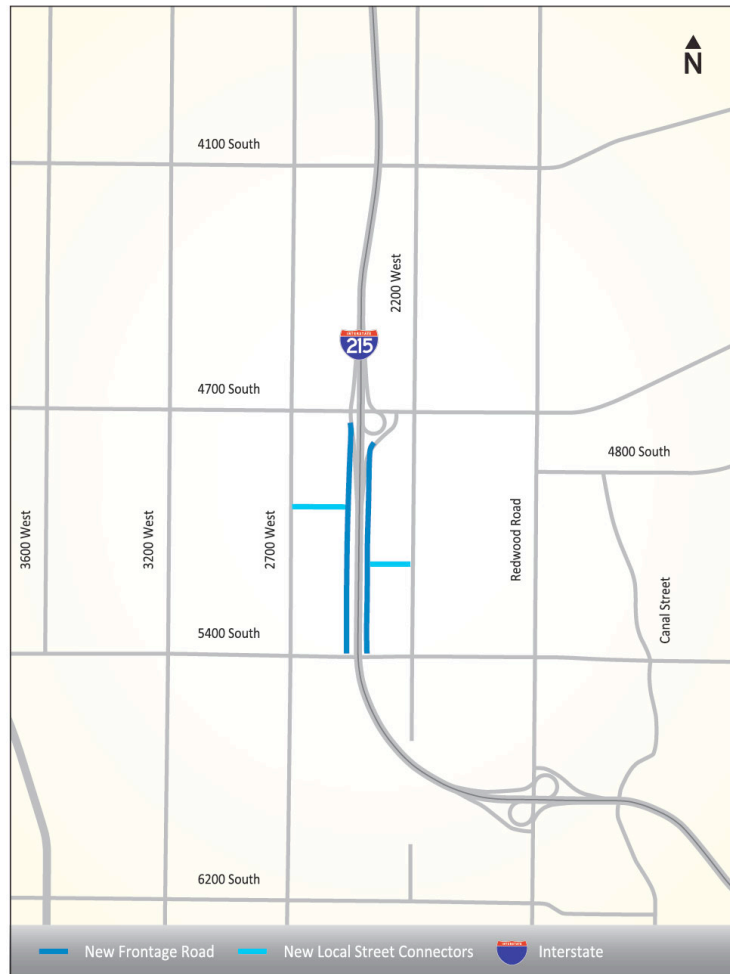
# Alternative 8-4



## Frontage Road From 4700 South to Redwood Road

- ▶ Build a one-way, ground-level frontage road along each side of I-215 between 4700 South and Redwood Road.
- ▶ Construct additional streets to provide direct access to the frontage road from various locations along 2700 West and 2200 West.

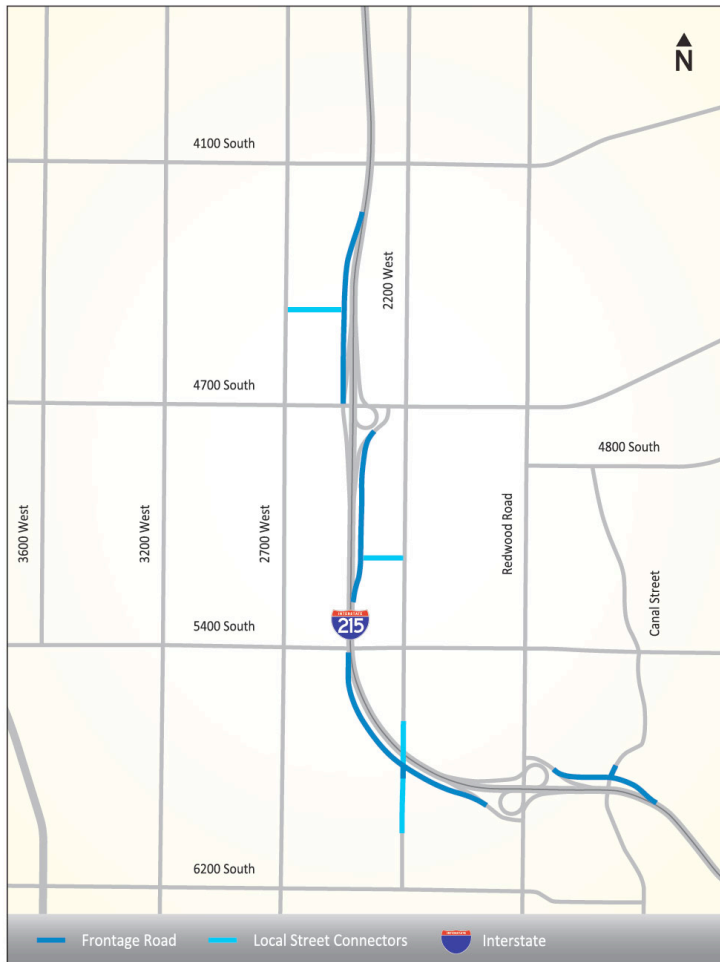
# Alternative 9-1



## Frontage Road From 4700 South to 5400 South

- ▶ Build a one-way, ground-level frontage road along each side of I-215 between 4700 South to 5400 South.
- ▶ Construct additional streets to provide direct access to the frontage road from various locations along 2700 West and 2200 West.

# Alternative 9-2

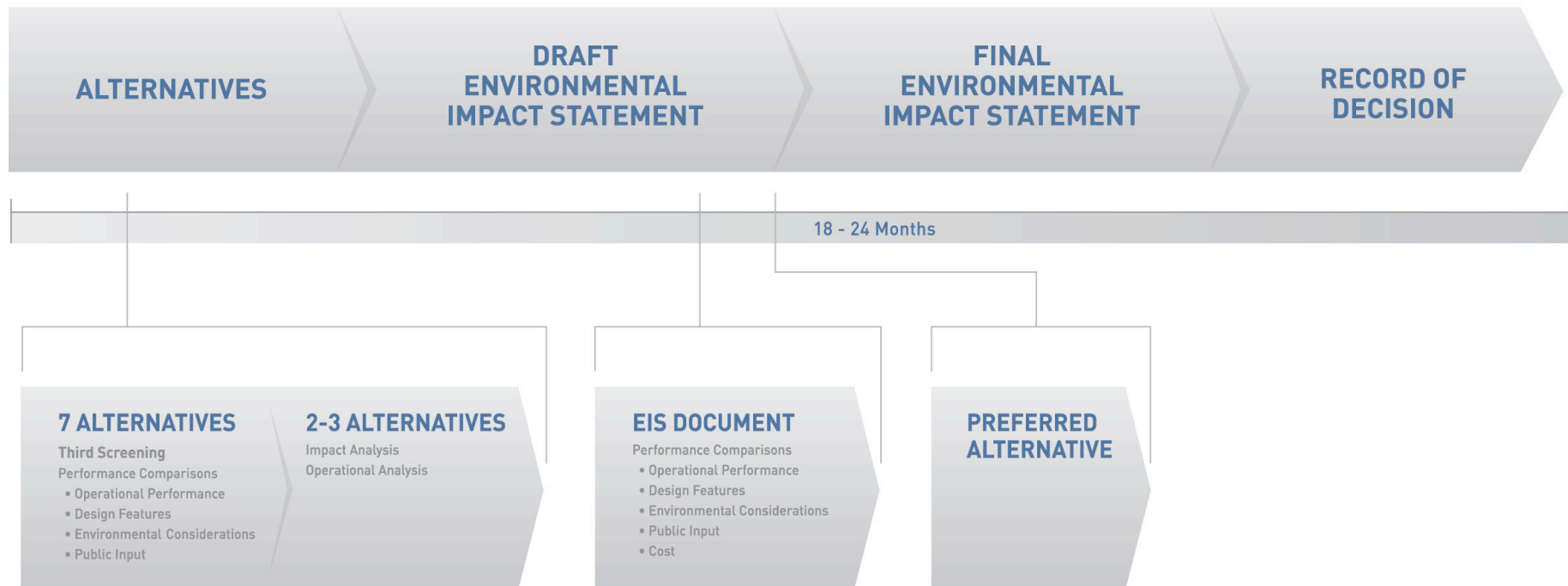


## Extend I-215 Off-Ramps

- ▶ Extend existing I-215 off-ramps at 4700 South and Redwood Road to provide additional access to local streets from the ramps.
- ▶ For example, from the 4700 South southbound I-215 off ramp, access would be available to 2700 West prior to reaching 4700 South.

# Next Steps

## PHASE 2 (IF INITIATED)





# Public Open House

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Tomorrow

Vista Elementary School  
(4925 South 2200 West)

5:30 - 7:30 p.m.

# More Information



**Website:** [udot.utah.gov/5400southstudy](http://udot.utah.gov/5400southstudy)

**Phone:** 801-930-0470

**Email:** [5400southstudy@utah.gov](mailto:5400southstudy@utah.gov)

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